

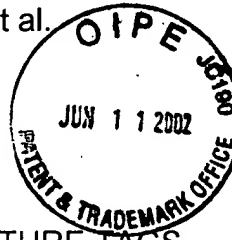


Revised 03/29/02

1645  
#12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : P. Scott White et al. : Docket No.:S-94,664  
Serial No. : 09/877,819 : Examiner:  
Filed : June 07, 2001 : Art Unit: 1645  
For : ADDRESS/CAPTURE TAGS  
FOR FLOW-CYTOMETRY  
BASED MINISEQUENCING



RECEIVED  
JUN 13 2002  
TECH CENTER 1600/2900

Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.56, 1.97, AND 1.98**

Sir:

The documents listed below, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56.

1. U.S. Patent 5,580,971, "Fungal Detection System Based on RRNA Probes", which issued to Masato Mitsuhashi on December 03, 1996.
2. U.S. Patent 6,251,588, "Method for Evaluating Oligonucleotide Probe Sequences", which issued to Karen W. Shannon et al. on June 26, 2001.

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, Washington, DC 20231.

**FACSIMILE**

☐ transmitted by facsimile to the United States Patent and Trademark Office.

Signature

Samuel M. Freund

(type or print name of person certifying)

Date: June 05, 2002

3. U.S. Patent 5,770,367, "Tag Reagent and Assay Method", which issued to Edwin Southern et al. on June 23, 1998.

4. International Application Number PCT/US98/23143, "DNA Polymorphism Identity Determination using Flow Cytometry", The Regents of the University of California, which published 06 May 1999.

5. Japanese document, Bio Industry Vol. 14, No. 2, 34-41, (1997).

6. Bushnell, S., "ProbeDesigner: for the design of probesets for branched DNA (bDNA) signal amplification assays", Oxford University Press, Vol. 15, No. 5, 348-355 (1999).

7. Mitsuhashi et al., "Oligonucleotide Probe Design - a New Approach", Nature 367, 759 - 761, (1994).

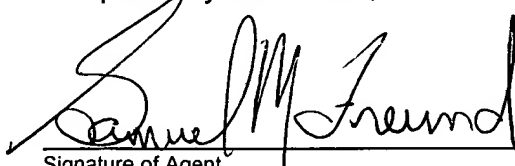
8. Ben-Dor, A., "Universal DNA Tag Systems: A combinatorial design scheme", Journal of Computational Biology Vol. 7, no. 3/4, 503-519 (2000).

9. Schutz, E et al., "spreadsheet software for thermodynamic melting point prediction of oligonucleotide hybridization with and without mismatches", BioTechniques, Vol. 27, No. 6, 1218-1224 (1999).

This Information Disclosure Statement is not to be construed as a representation that a search has been made or that additional matter material to the examination of this application does not exist. Applicants do not believe that any of these citations constitutes prior art under 35 U.S.C. 102.

It is requested that the above citations be made of record in the prosecution of this application.

Respectfully submitted,



Signature of Agent

Samuel M. Freund

Los Alamos National Laboratory

LC/IP, MS A187

Los Alamos, New Mexico 87545

Date: June 05, 2002

Reg. No. 30,459

Phone (505) 667-9701



Sheet 1 of 2

Rev. 10/01/01

Form PTO-1449 U.S. Department of Commerce  
(Modified) Patent and Trademark OfficeINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

37 CFR 1.98(b)

Attorney Docket No.

S-94,664

Serial No.

09/877,819

Applicant(s)

P. Scott White et al.

Filing Date

June 07, 2001

Group

1645

RECEIVED  
JUN 18 2002  
TECH CENTER 1600/2900

## U.S. PATENTS DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER									ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
		5	5	8	0	9	7	1		12/03/96	Mitsuhashi	536	24.32	01/26/95
		6	2	5	1	5	8	8		06/26/01	Shannon et al.	435	6	02/10/98
		5	7	7	0	3	6	7		06/23/98	Southern et al.	435/6	536/22.1	08/01/94

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER									ISSUE DATE	COUNTRY	CLASS	SUB CLASS	Translation YES NO	
	U	S	9	8	2	3	1	4	3	06.05.99	International	C12Q 1/68	C07H 21/02		X

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	Japanese document, Bio Industry Vol. 14, No. 2, 34-41, (1997).
	Bushnell, S., "ProbeDesigner: for the design of probesets for branched DNA (bDNA) signal amplification assays", Oxford University Press, Vol. 15, No. 5, 348-355 (1999).
	Mitsuhashi et al., "Oligonucleotide Probe Design - a New Approach", Nature 367, 759 - 761, (1994).

EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

JUN 13 2002

TECH CENTER 1600/2900

Sheet 2 of 2

Form PTO-1449 U.S. Department of Commerce  
(Modified) Patent and Trademark OfficeAttorney Docket No.  
S-94,664Serial No.  
09/877,819INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTApplicant(s)  
P. Scott White et al.Filing Date  
06/07/01Group  
1645

37 CFR 1.98(b)

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

Ben-Dor, A., "Universal DNA Tag Systems: A combinatorial design scheme", Journal of Computational Biology Vol. 7, no. 3/4, 503-519 (2000).

Schutz, E et al., "spreadsheet software for thermodynamic melting point prediction of oligonucleotide hybridization with and without mismatches", BioTechniques, Vol. 27, No. 6, 1218-1224 (1999).

EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.